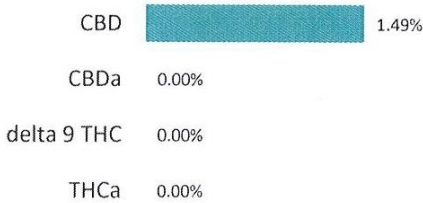


2019-326C

Batch ID:	V-11719-B3	Test ID:	1380094.0012
Reported:	29-Apr-2019	Method:	TM14
Type:	Solution		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	2.01	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	1.01	0.00	0.0
Cannabidiolic acid (CBDA)	1.75	0.00	0.0
Cannabidiol (CBD)	0.98	18.60	14.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.10	0.00	0.0
Cannabinolic Acid (CBNA)	2.76	0.00	0.0
Cannabinol (CBN)	1.22	0.00	0.0
Cannabigerolic acid (CBGA)	1.76	0.00	0.0
Cannabigerol (CBG)	0.99	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	1.73	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.90	0.00	0.0
Cannabidivarinic Acid (CBDVA)	1.62	0.00	0.0
Cannabidivarin (CBDV)	0.89	0.00	0.0
Cannabichromenic Acid (CBCA)	1.51	0.00	0.0
Cannabichromene (CBC)	1.82	0.00	0.0
Total Cannabinoids		18.60	14.89
Total Potential THC**		0.00	0.00
Total Potential CBD**		18.60	14.89

NOTES:
Density = 1.25g/mL

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
 Total THC = THC + (THCa * (0.877)) and Total CBD = CBD + (CBDA * (0.877))

FINAL APPROVAL


Alex Smith
29-Apr-2019
5:48 PM



David Green
29-Apr-2019
6:02 PM

PREPARED BY / DATE
APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

SECTION 1: PRODUCT DETAILS

PRODUCT NAME	Hemp-derived Cannabidiol (CBD) Vape E-Liquid – Vegetable Glycerin Base
COMMON NAME	Hemp CBD Vape
PRODUCT DESCRIPTION	Cannabidiol (CBD) Tincture in Vegetable Glycerin
PLANT PART	Aerial parts of industrial hemp plant
INTENDED USE	For vaping purposes

EXTRACTION SOLVENT(S)	X	CO ₂	X	Ethanol	X	Hexane
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COUNTRY OF ORIGIN	USA					
MANUFACTURE DATE	04/27/2019		LOT #	V-11719-B3		
BEST BY DATE	04/27/2020		CBD POTENCY	500 mg per 30 mL		

SECTION 2: INGREDIENTS LIST AND DIRECTIONS FOR USE

INGREDIENTS LIST	SUGGESTED USE
Ingredients: Vegetable Glycerin, Polysorbate 80, Hemp Cannabidiol (CBD) Isolate, Pineapple Flavor (<i>Sunflower Seed Oil, Natural Flavors</i>) <i>Manufactured in a facility that handles soy, salmon, anchovy, and walnuts.</i> <i>The FDA has not evaluated this product for safety or efficacy. This product is intended for oral use. This product is not intended to diagnose, treat, cure or prevent any disease.</i>	

SECTION 3: FORMULA COMPOSITION

ACTIVE INGREDIENTS	LOT NUMBER
Hemp Cannabidiol (CBD) Isolate	ISO-09319-B1
MEDIUM BASE	LOT NUMBER
Vegetable Glycerin	3147557425
Polysorbate 80	8829
FLAVORINGS	LOT NUMBER
Pineapple	180122046

SECTION 4: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	COLOR	Viscous, white to slight pink homogenous oil	ODOR	Pineapple
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SECTION 5: RESIDUAL SOLVENT ANALYSIS FOR HEMP CBD OIL AND/OR CBD ISOLATE

Hexane	< 60 ppm	Ethanol	<100 ppm
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SECTION 6: STORAGE AND HANDLING

STORAGE AND HANDLING	Store in original container in a cool, dark place. Keep out of direct light and humidity.
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